

OTS186935 hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₅H₂₇Cl₂N₅O₂

Molecular Weight: 522.31

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	OTS186935 hydrochloride is a potent inhibitor of the protein methyltransferase SUV39H2 (IC ₅₀ : 6.49 nM). oTS186935 hydrochloride significantly inhibited tumor growth in a mouse xenograft model with no apparent toxicity. oTS193320 OTS193320 hydrochloride was able to modulate γ -H2AX production in cancer cells.
Targets(IC ₅₀)	Others,Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9146 mL	9.5729 mL	19.1457 mL
5 mM	0.3829 mL	1.9146 mL	3.8291 mL
10 mM	0.1915 mL	0.9573 mL	1.9146 mL
50 mM	0.0383 mL	0.1915 mL	0.3829 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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